Datasheet

# HP EliteDesk 705 G1 Desktop Mini PC

The desktop has evolved. The space saving and functionality-packed HP EliteDesk 705 G1 Desktop Mini includes new AMD PRO A-Series APUs[2] with revolutionary HSA technology that provides a perfect balance of power and performance. That's a smart investment.

## HP recommends Windows.

Windows 8.1[9]
1 TB SSHD[1]

**Big power. Space saving design.**

Experience true desktop power with the HP EliteDesk 705 G1 Desktop Mini that can fit almost anywhere vertically or horizontally. The clean, easily serviceable design with integrated wireless antenna[3] allows flexible deployment options[4] to help optimize the workspace.

**Pure performance.**

Unlock the full potential of your PC. The latest AMD PRO A-Series APUs[2] with HSA technology that helps maximize performance by intelligently prioritizing system tasks between the CPU and GPU.

**Security made simple.**

Keep it secure, keep it simple. IT efficiency reigns supreme when it's backed by a full portfolio of security solutions, including HP BIOSphere[5] and HP Client Security.[6]

**Simplify device management.**

Reduce the complexity of administration. HP Client Management and DASH compliant devices help you easily and affordably manage assets.[7]

**Features**

Keep all your work in plain sight. Be up to 35% more productive[8] by adding up to three independent displays[9] using the integrated VGA and two DisplayPorts.
Rest easy with a PC that has endured 115,000 hours of HP's Total Test Process and is designed to undergo MIL-STD 810G tests.[10]
Easily service the HP EliteDesk 705 G1 Desktop Mini. A single thumb screw provides fast access to clearly identifiable and serviceable components.
AMD APUs with AMD Radeon™ graphics[11] deliver impressive performance and visually stunning graphics at an affordable price.
Take advantage of new drive technology with an optional M.2 PCIe solid state hard drive module,[4] an internal 2.5" SSD, or even dual drive configurations for more local storage.

Keep productivity high and downtime low with HP BIOSphere firmware-level automation. Your PCs have extra protection thanks to automatic updates and security checks. Enjoy customization that allows your PC to evolve with your business.[5]
Extend your business investments with a long life cycle and platform stability.
HP Secure Erase[12] removes the contents of a hard drive.

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**HP recommends Windows.**

| | |
|---|---|
| **Form Factor** | Mini |
| **Operating System** | Windows 8.1 Pro 64[1]<br>Windows 8.1 64[1]<br>Windows 7 Professional 32[1]<br>Windows 7 Professional 64[1]<br>Windows 7 Professional 32 (available through downgrade rights from Windows 8.1 Pro)[2]<br>Windows 7 Professional 64 (available through downgrade rights from Windows 8.1 Pro)[2]<br>Ubuntu Linux 64<br>FreeDOS 2.0 |
| **Processor Family** | AMD PRO A-Series |
| **Processor** | AMD A10 PRO-7800B APU with Radeon R7 Graphics (3.5 GHz, 4 MB cache, 4 cores); AMD A8 PRO-7600B APU with Radeon R7 Graphics (3.1 GHz, 4 MB cache, 4 cores); AMD A6 PRO-7400B APU with Radeon R5 Graphics (3.5 GHz, 1 MB cache, 2 cores); AMD A4 PRO-7350B APU with Radeon R5 Graphics (3.4 GHz, 1 MB cache, 2 cores)[3] |
| **Chipset** | AMD D4 |
| **Memory** | Up to 16 GB DDR3-1600 SDRAM[4]<br>Memory slots: 2 SODIMM |
| **Storage** | Internal drive bays One 2.5"<br>External drive bays<br>120 GB, up to 256 GB, SATA SE SSD[5]<br>500 GB, up to 1 TB, SATA SSHD[5]<br>up to 128 GB, SATA SSD[5]<br>up to 500 GB, SATA SED (7200 rpm)[5] |
| **Graphics** | Integrated AMD Radeon HD[7]<br>AMD Radeon HD graphics integrated on processor |
| **Audio** | DTS Studio Sound audio management technology, HD audio with Realtek ALC221 codec (all ports are stereo), microphone and headphone front ports (3.5 mm), line out rear port (3.5 mm), multi-streaming capable, internal speaker |
| **Communications** | Integrated Broadcom NetXtreme GbE Plus; Intel Wireless-N 7260 802.11a/b/g/n M.2 (optional)[6] |
| **Expansion Slots** | 2 M.2; 1 5-in-1 SD card reader<br>1 M.2 2230 for optional wireless NIC. 1 M.2 2280 for storage drives |
| **Ports and Connectors** | 6 USB 3.0; 1 VGA; 2 DisplayPort; 1 RJ-45; 1 audio line out; 1 headphone; 1 microphone |
| **Input Device** | HP USB Keyboard; HP USB Smart Card (CCID) Keyboard; HP USB Washable Keyboard; HP Wireless Keyboard and Mouse combo[8]<br>HP USB Mouse; HP USB 1000 dpi Laser Mouse; HP USB Washable Mouse |
| **Security** | Trusted Platform Module (TPM) 1.2; SATA port disablement (via BIOS); Drive lock; Serial, parallel, USB enable/disable (via BIOS); USB port disable at factory (optional); Removable media write/boot control; Power-on password (via BIOS); Setup password (via BIOS); Support for chassis padlocks and cable lock devices |
| **Software** | HP business PCs are shipped with a variety of software titles including: HP Client Security, HP Drive Encryption (FIPS 140-2), HP Password Manager, Microsoft Security Essentials, CyberLink Power DVD BD, HP ePrint Driver, HP PageLift, Box 50 GB Offer, Foxit PhantomPDF Express. Please refer to this product's quick spec document for a full list of preinstalled software[9,10,11,12,13] |
| **Dimensions** | 17.5 x 17.7 x 3.4 cm |
| **Weight** | 1.3 kg<br>Configured with 1 hard drive. Exact weight depends on configuration. |
| **Operating Humidity Range** | 10 to 90% RH |
| **Operating Temperature Range** | 10 to 35°C |
| **Energy Efficiency Compliance** | ENERGY STAR® qualified configurations available<br>Low halogen |
| **Power** | 65 W 87% efficient, active PFC |
| **Warranty** | 3-year (3-3-3) limited warranty and service offering includes 3 years of parts, labor and on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply. |

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## Accessories and services (not included)

HP 8-GB PC3-12800 (DDR3-1600 MHz) SODIMM Memory

Maximize your business PC performance with HP Memory. Upgrading your memory is a cost-effective way to boost your system performance without having to upgrade your processor.
**Product number: B4U40AA**

HP Dual Output USB Graphics Adapter

Increase screen real estate and productivity with a dual-monitor setup with the HP Dual Output USB Graphics Adapter, featuring DVI-I and DisplayPort outputs to drive displays at high resolutions through a single USB 3.0 B connection to your PC.
**Product number: C5U89AA**

HP 128 GB SED Opal2 Solid State Drive

Get fast boot-up time, file searches, and application starts, and less downtime and power usage with the HP 128 GB SED Opal 2 Solid State Drive.
**Product number: G1K24AA**

HP Business Headset

Comfortable and lightweight, the HP Business Digital Headset provides a headset that is perfect for call centers, telephone-intensive jobs, or casual use while working at your desk. The over-the-head flexible design includes light padding, full size leather ear phones and a mounted microphone boom.
**Product number: QK550AA**

HP Wireless Keyboard and Mouse

The HP Wireless Keyboard and Mouse places advanced functionality and ease of operation at your fingertips. Stop hiding wires and regain a clutter-free work space with a cordless keyboard, cordless laser mouse and USB wireless receiver in a single package – built with the environment in mind.
**Product number: QY449AA**

4-year Next Business Day Onsite

Care Pack

Receive 4 years of next business day onsite repair from an HP-qualified technician for your computing device, if the issue cannot be solved remotely
**Product number: U7897E**

**Learn more at**
**www.hp.eu/hpoptions**

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## Footnotes

[1] For hard drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 16GB (for Windows 7) and up to 30GB (for Windows 8.1) of system disk is reserved for system recovery software.; [2] This system requires a separately purchased 64-bit operating system and 64-bit software products to take advantage of the 64-bit processing capabilities of AMD technology. Multi-core processing available with AMD technology is designed to improve performance of this system. Given the wide range of software applications available, performance of a system including a 64-bit operating system and a dual-core processor will vary. AMD's model numbering is not a measurement of clock speed.; [3] Wireless access point and internet service required.; [4] Sold separately or as an optional feature.; [5] HP BIOSphere features may vary depending on the PC platform & configuration.; [6] HP Client Management Solutions requires Windows.; [7] Third party management software is sold separately.; [8] "Observed Productivity, Efficiency and User Satisfaction when Using Multiple or Large Displays," Koala LLC Ergonomics Consulting, November 6, 2012.; [9] Support for multiple monitors requires displays that support DisplayPort with multi-stream that can be daisy chained together. Monitors and cables sold separately.; [10] MIL-STD testing is pending and is not intended to demonstrate fitness for U.S. Department of Defense contract requirements or for military use. Test results are not a guarantee of future performance under these test conditions.; [11] AMD Radeon™ Dual Graphics requires an AMD "A" series APU plus optional AMD Radeon™ discrete graphics configuration and is available on Windows 7 and Windows 8 systems. Linux OS supports manual switching which requires restart of X-Server to engage and/or disengage the discrete graphics processor for dual graphics capabilities. Additional hardware (e.g. Blu-ray drive, HD or 10-bit monitor, TV tuner, wirelessly enabled HDTV) and/or software (e.g. multimedia applications) are required for the full enablement of some features. HD Video display requires an HD video source.; [12] For the methods outlined in the National Institute of Standards and Technology Special Publication 800-88.

## Technical specifications disclaimers

[1] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows functionality. See http://www.microsoft.com.; [2] This system is preinstalled with Windows 7 Pro software and also comes with a license and media for Windows 8.1 Pro software. You may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data.; [3] This system requires a 64-bit operating system and 64-bit software products to take advantage of the 64-bit processing capabilities of AMD technology. Multi-core processing available with AMD technology is designed to improve performance of this system. Given the wide range of software applications available, performance of a system including a 64-bit operating system will vary. AMD's numbering is not a measurement of clock speed.; [4] Graphics chipset uses part of the total system memory (RAM) for graphics performance. System memory dedicated to graphics performance is not available for other use by other programs.; [5] For hard drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 16GB (for Windows 7) and up to 30GB (for Windows 8) of system disk is reserved for system recovery software.; [6] Wireless cards are optional or add-on features and requires separately purchased wireless access point and internet service. Availability of public wireless access points limited.; [7] HD content required to view HD images.; [8] Optional or add-on feature.; [9] Drive Encryption requires Windows. Data is protected prior to Drive Encryption login. Turning the PC off or into hibernate logs out of Drive Encryption and prevents data access.; [10] HP ePrint requires an Internet connection to HP web-enabled printer and HP ePrint account registration (for a list of eligible printers, supported documents and image types and other HP ePrint details, see www.hp.com/go/eprintcenter).; [11] Requires Box registration. Offer available to new Box users only. Box App requires Windows 8 or 8.1. Offer subject to change without notice.; [12] Microsoft Security Essentials requires Windows 7 and internet access.; [13] HP PageLift requires Windows 8.; [14] External power supplies, power cords, cables and peripherals are not low halogen. Service parts obtained after purchase may not be low halogen.

**Learn more at**
**www.hp.eu/desktops**

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